

Message

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Sent: 11/29/2019 9:44:47 PM
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Subject: HYSPLIT plume forecast, issued at 4 PM Friday 11/29/2019

Here is the link to the latest HYSPLIT plume forecast, issued at 4 PM Friday 11/29/2019.

<http://www.hysplit-pub.noaa.gov/hysplitpublic-bin/hyresults.pl?jobidno=23082>

Not much change, as surface winds will remain predominantly east-southeast around 10-15 mph this afternoon. Improved visibility continues this afternoon, but expect the fog to redevelop and move off Sabine Lake this evening and overnight with visibility reduced to 1/4 to 1/2 mile at times and last until mid to late Saturday morning.

Southeast winds across the lowest layer of the atmosphere will continue this afternoon with plume dispersion to the northwest of the incident site. The greatest concentrations will continue to be dispersed over the Port Neches area directly downwind of the incident. Elevated concentrations will continue downwind roughly paralleling TX 347 and the Neches River towards Beaumont. The plume direction will slowly shift to the north northwest later this evening and overnight as the average lower layer wind direction begins to slowly shift to the south southeast.

The next cold front is expected to move through the area Saturday, bringing a 50 percent chance of showers as well as isolated thunderstorms beginning during the afternoon hours. The main threat for lightning will begin around 3 pm and end around 9 pm. The main threat for severe weather should be across interior southeast Texas, Central and Northern Louisiana.